

Date of Issue: 03/29/2012 06:03:19
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
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Contact Phone Number: (717) 346-7200

Analytical Report FOR
Water Supply Management

Sample ID: 1208 416

Status: Completed

Name of Sample Collector: Stephen Brokenshire
Date Sample was Collected: 01/23/2012

County: Susquehanna
Municipality: Dimock Twp

State: PA

Ex. 6 - Personal Privacy

Sample Medium :
Sample Medium Type:

Location: Kitchen Sink
Reason: Project

Laboratory Sample ID: R2012000236
Suite: RAD99

Completed

No treatment on system. Well cap unsecured. Two large piles of used asphalt were piled next to the drinking water well head.

Appearance: Clear
Sample Comment: Dimock Project
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A sample value is an observed reading of a sample's radioactivity on a given date and time.

The Lower Level of Detection (LLD) is the minimum sample value that can be detected with 95% confidence.

The Counting Error (CE) is a factor that when added to and subtracted from a sample value, defines a

range that will with 95% confidence encompass the actual sample value.

Test Codes/CAS#				Date And Time
Test				
Description	95% LLD	Sample Value	95% CE	Analyzed
Analyst Method				
-----	-----	-----	-----	-----
RA226GW RA226GW	104	0 PCI/L	0	01/26/2012 12:07 PM
TMATUKAITI				
RA228GW RA228GW	9	0 PCI/L	0	01/26/2012 12:07 PM
TMATUKAITI				
TH232GW TH232GW	9	0 PCI/L	0	01/26/2012 12:07 PM
TMATUKAITI				
U235GW U235GW	7	0 PCI/L	0	01/26/2012 12:07 PM
TMATUKAITI				
K40 K 40	34	27 PCI/SAMP	8	01/26/2012 01:42 PM
TMATUKAITI				
BI212W BI212W	25	0 PCI/L	0	01/26/2012 12:07 PM
TMATUKAITI				

GAMMA RESULTS Analyzed by method DOE 4.5.2.3 APEX 1318

BI214W	BI214W	7	650 PCI/L	23	01/26/2012 12:07 PM
TMATUKAITI					
GALPHA	Gross Alpha*	3.1029193	-1.0528211 PCI/L	1.7264725	02/04/2012 07:15 PM
JANBARRY					
EPA 900.0 Alpha LLD exceeds 3 pCi/L					
GBETA	Gross Beta*	2.0495168	1.7265549 PCI/L	1.2801862	02/04/2012 07:15 PM
JANBARRY					
EPA 900.0					
U238GW	U238GW	116	0 PCI/L	0	01/26/2012 12:07 PM
TMATUKAITI					

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The results of the analyses provided in this laboratory report relate only to the sample(s) identified in the report. Unless otherwise noted, the results presented on this laboratory report meet all the requirements of The NELAC Institute (TNI). Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report. Tests noted with an "*" are not included in our NJ NELAP Annual Certified Parameter List.

Taru Upadhyay, Technical Director, Bureau of Laboratories

